



DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

## Colloquium

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ON REAL MONGE-AMPERE EQUATIONS AND COMPLETE  
CALABI-YAU METRICS

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**ABSTRACT:**

In this talk, I will discuss a new free boundary problem for a real Monge-Ampere equation and its application to the construction of complete Calabi-Yau metrics. This is based on joint work with T. Collins and S.-T. Yau.

**4 – 5pm**

**Wednesday, October 17, 2023**

**Room 204, Smith Hall**